

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071023\
 Data File : PQ062079.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2023 18:43
 Operator : YP\AJ
 Sample : 03549-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 22:54:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.404	2.758	64862569	51938363	13.296	20.700 #
2)	SA Decachlor...	8.584	7.527	77226661	67142792	21.258	20.150
Target Compounds							
3)	L1 AR-1016-1	4.500	3.774	-7508367	19770315	N.D.	199.750 #
4)	L1 AR-1016-2	4.526	3.774	5987465	19770315	24.214	137.104 #
5)	L1 AR-1016-3	4.582	3.935	14211798	5153612	93.250	68.312 #
6)	L1 AR-1016-4	4.668	3.983	4861720	4182423	38.787	63.680 #
7)	L1 AR-1016-5	4.970	4.177	13850109	7963652	113.790	97.139
8)	L2 AR-1221-1	3.607	2.941	47434095	6058956	789.150	183.624 #
9)	L2 AR-1221-2	3.679	3.043	10943334	3009415	243.550	118.481 #
10)	L2 AR-1221-3	3.749	3.105	24874311	20452053	177.018	265.298 #
11)	L3 AR-1232-1	3.749	3.105	24874311	20452053	235.549	356.938 #
12)	L3 AR-1232-2	4.244	3.774	35530183	19770315	600.668	297.052 #
13)	L3 AR-1232-3	4.526	3.935	5987465	5153612	52.949	149.142 #
14)	L3 AR-1232-4	4.668	4.039	4861720	3653851	85.795	122.861 #
15)	L3 AR-1232-5	4.774	4.177	6835731	7963652	170.680	223.316 #
16)	L4 AR-1242-1	4.500	3.774	-7508367	19770315	N.D.	255.632 #
17)	L4 AR-1242-2	4.526	3.774	5987465	19770315	30.841	177.857 #
18)	L4 AR-1242-3	4.582	3.935	14211798	5153612	117.604	87.982 #
19)	L4 AR-1242-4	4.668	4.039	4861720	3653851	49.871	62.322
20)	L4 AR-1242-5	5.418f	4.531	191111	9665795	1.996	116.606 #
21)	L5 AR-1248-1	4.500	3.774	-7508367	19770315	N.D.	316.222 #
22)	L5 AR-1248-2	4.774	3.983	6835731	4182423	47.582	44.604
23)	L5 AR-1248-3	4.970	4.039	13850109	3653851	79.730	40.355 #
24)	L5 AR-1248-4	5.359	4.177	136.7E6	7963652	712.250	70.575 #
25)	L5 AR-1248-5	5.359f	4.557	136.7E6	1654777	754.753	14.770 #
26)	L6 AR-1254-1	5.359f	4.531	136.7E6	9665795	735.666	59.864 #
27)	L6 AR-1254-2	5.556	4.653	22059334	377809	75.880	2.566 #
28)	L6 AR-1254-3	5.888	5.031	6553389	3664242	21.337	15.679 #
29)	L6 AR-1254-4	6.182	5.276	8789759	7745387	37.855	50.818 #
30)	L6 AR-1254-5	6.581	5.663	3518341	1036296	13.697	4.490 #
31)	L7 AR-1260-1	6.038	5.172	13048769	2438881	55.307	14.643 #
32)	L7 AR-1260-2	6.339	5.373	12368537	4667058	42.825	22.444 #
33)	L7 AR-1260-3	6.672	5.517	4015814	2340339	22.743	12.029 #
34)	L7 AR-1260-4	6.913	5.964	10696924	2772697	50.781	19.009 #
35)	L7 AR-1260-5	7.202	6.217	1786701	3077233	4.351	9.267 #
36)	L8 AR-1262-1	6.672	5.728	4015814	816662	13.169	3.513 #
37)	L8 AR-1262-2	7.202	5.964	1786701	2772697	3.392	12.824 #
38)	L8 AR-1262-3	7.495	6.500	2165952	2021895	6.148	11.598 #
39)	L8 AR-1262-4	7.567	6.546	2018105	391956	7.566	1.216 #
40)	L8 AR-1262-5	8.056	7.044	1036199	232643	5.837	1.500 #
41)	L9 AR-1268-1	7.495	6.500	2165952	2021895	3.817	4.297

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 Sample : 03549-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

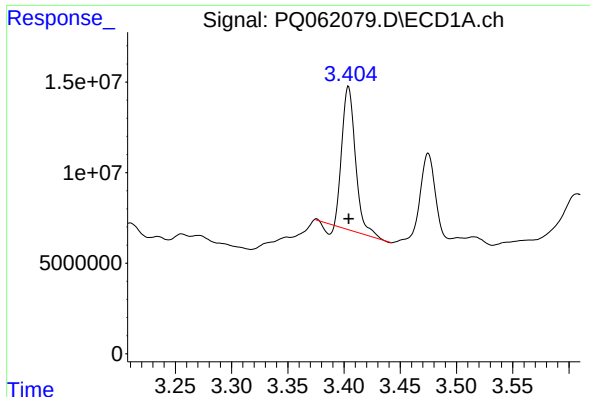
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 22:54:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.567	6.556	2018105	784119	3.958	1.851 #
43) L9	AR-1268-3	7.734	6.745	750024	4541886	1.757	12.331 #
44) L9	AR-1268-4	8.056	7.044	1036199	232643	5.663	1.455 #
45) L9	AR-1268-5	8.346	7.315	521295	831186	0.413	0.712 #

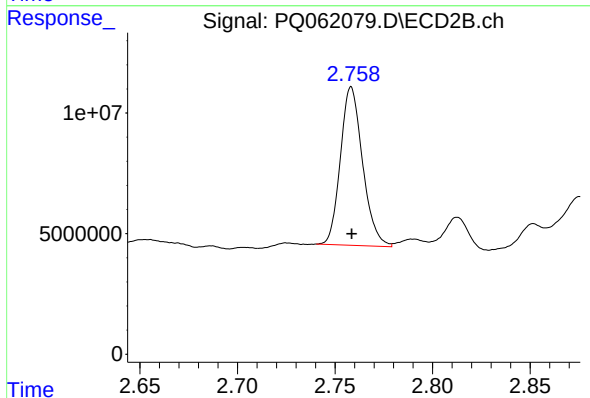
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

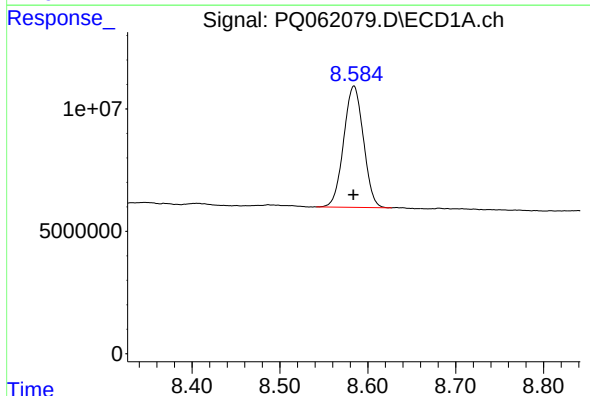
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 64862569
Conc: 13.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



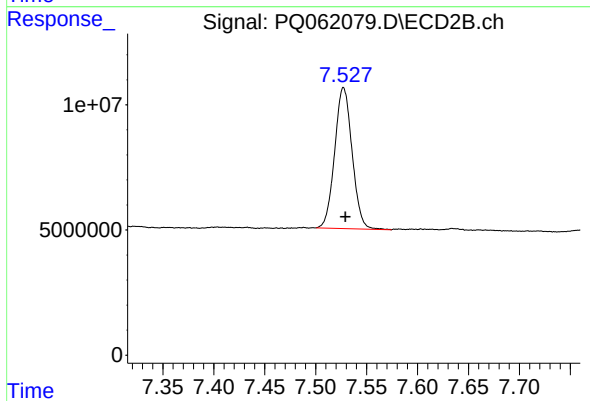
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 51938363
Conc: 20.70 ng/ml



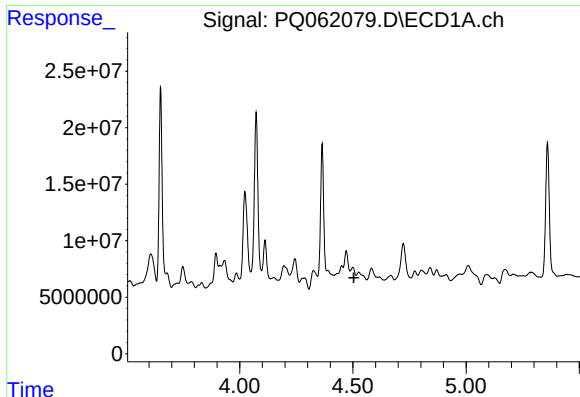
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 77226661
Conc: 21.26 ng/ml



#2 Decachlorobiphenyl

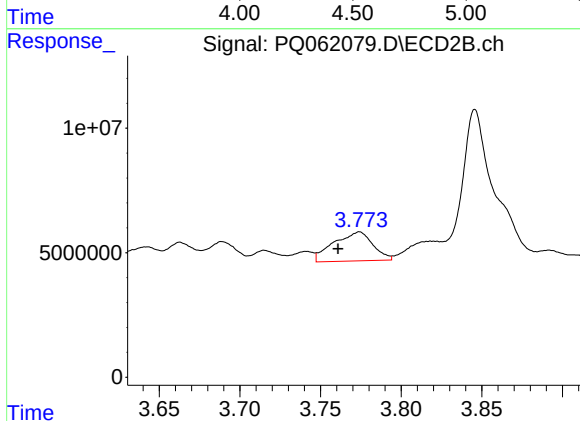
R.T.: 7.527 min
Delta R.T.: -0.002 min
Response: 67142792
Conc: 20.15 ng/ml



#3 AR-1016-1

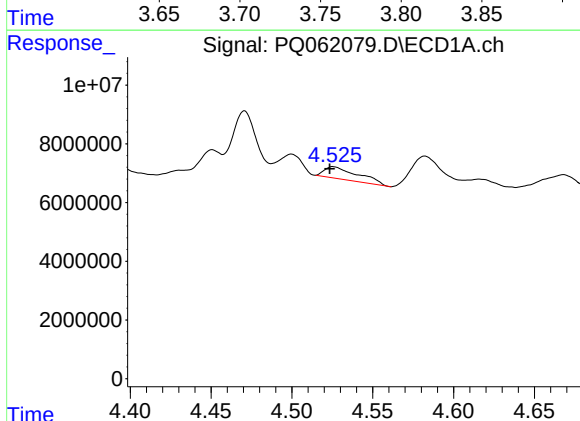
R.T.: 4.500 min
Delta R.T.: -0.005 min
Response: -7508367
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



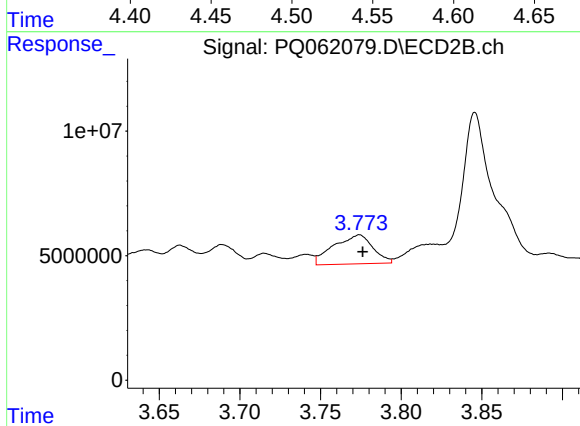
#3 AR-1016-1

R.T.: 3.774 min
Delta R.T.: 0.013 min
Response: 19770315
Conc: 199.75 ng/ml



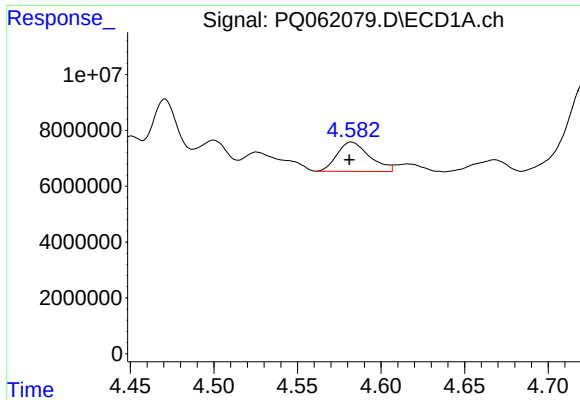
#4 AR-1016-2

R.T.: 4.526 min
Delta R.T.: 0.002 min
Response: 5987465
Conc: 24.21 ng/ml



#4 AR-1016-2

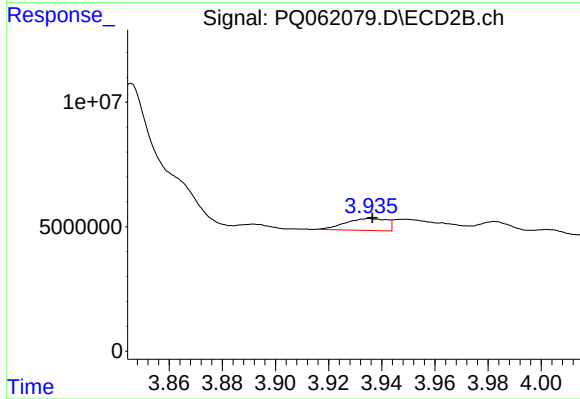
R.T.: 3.774 min
Delta R.T.: -0.002 min
Response: 19770315
Conc: 137.10 ng/ml



#5 AR-1016-3

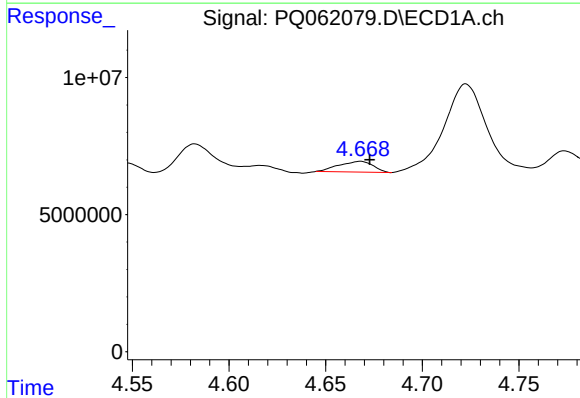
R.T.: 4.582 min
Delta R.T.: 0.001 min
Response: 14211798
Conc: 93.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



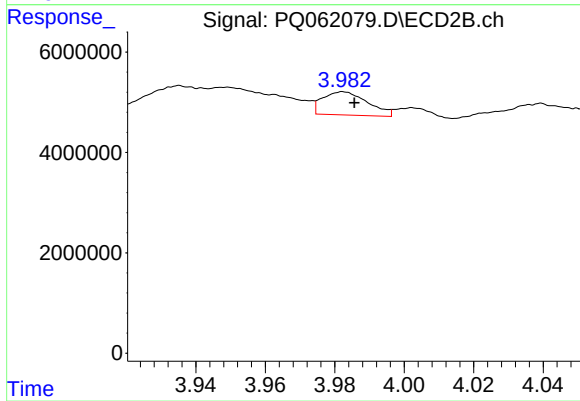
#5 AR-1016-3

R.T.: 3.935 min
Delta R.T.: -0.001 min
Response: 5153612
Conc: 68.31 ng/ml



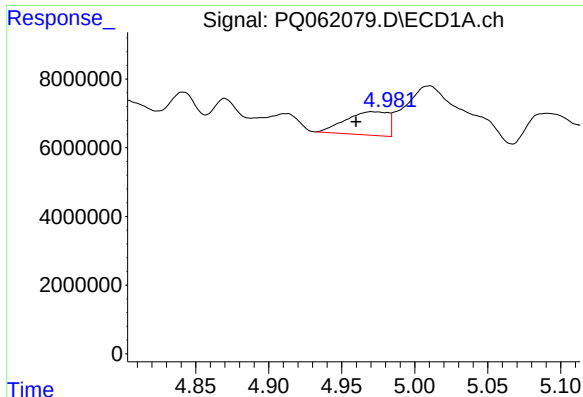
#6 AR-1016-4

R.T.: 4.668 min
Delta R.T.: -0.005 min
Response: 4861720
Conc: 38.79 ng/ml



#6 AR-1016-4

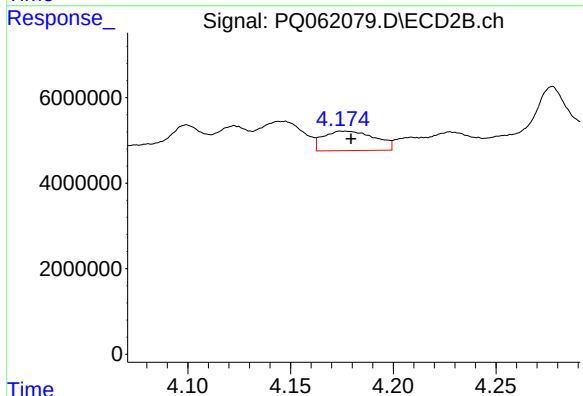
R.T.: 3.983 min
Delta R.T.: -0.003 min
Response: 4182423
Conc: 63.68 ng/ml



#7 AR-1016-5

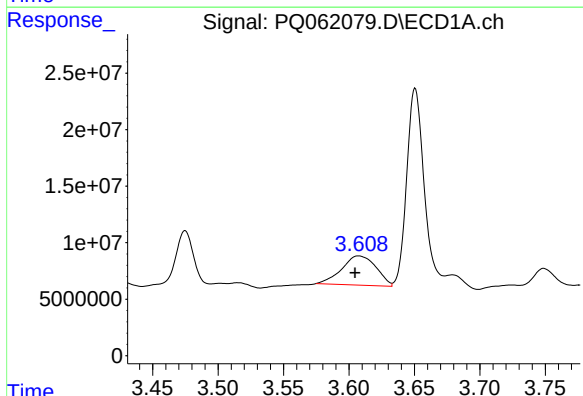
R.T.: 4.970 min
Delta R.T.: 0.011 min
Response: 13850109
Conc: 113.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



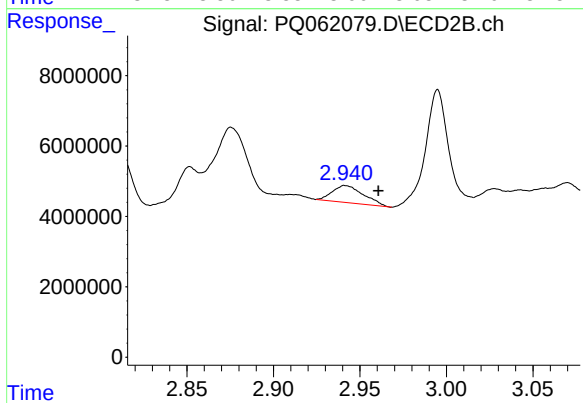
#7 AR-1016-5

R.T.: 4.177 min
Delta R.T.: -0.003 min
Response: 7963652
Conc: 97.14 ng/ml



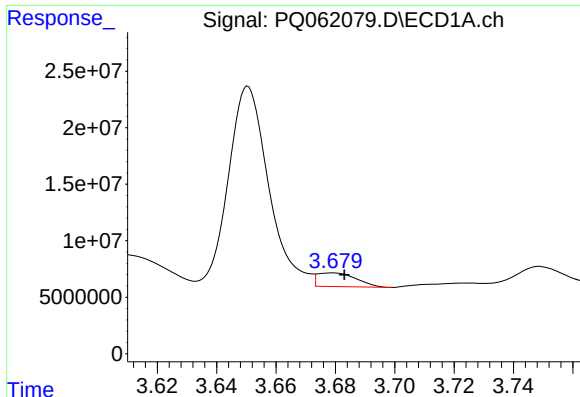
#8 AR-1221-1

R.T.: 3.607 min
Delta R.T.: 0.003 min
Response: 47434095
Conc: 789.15 ng/ml



#8 AR-1221-1

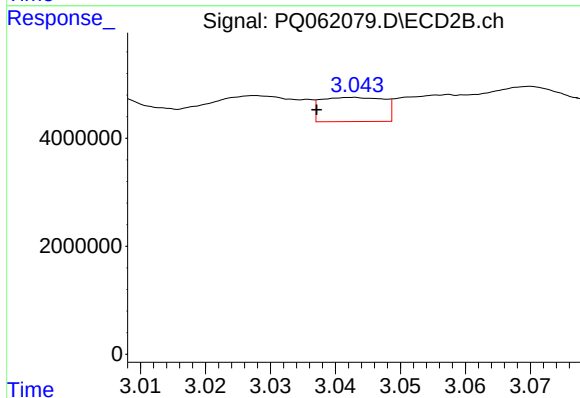
R.T.: 2.941 min
Delta R.T.: -0.019 min
Response: 6058956
Conc: 183.62 ng/ml



#9 AR-1221-2

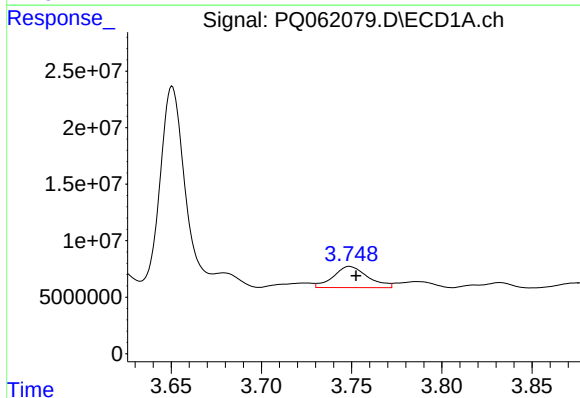
R.T.: 3.679 min
Delta R.T.: -0.004 min
Response: 10943334
Conc: 243.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



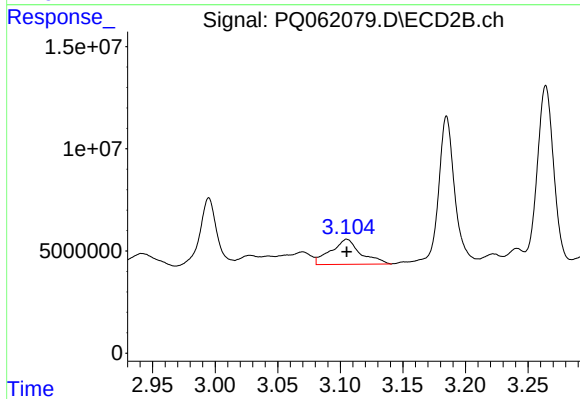
#9 AR-1221-2

R.T.: 3.043 min
Delta R.T.: 0.006 min
Response: 3009415
Conc: 118.48 ng/ml



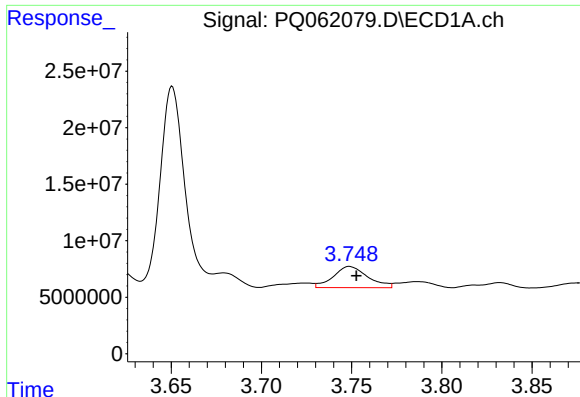
#10 AR-1221-3

R.T.: 3.749 min
Delta R.T.: -0.004 min
Response: 24874311
Conc: 177.02 ng/ml



#10 AR-1221-3

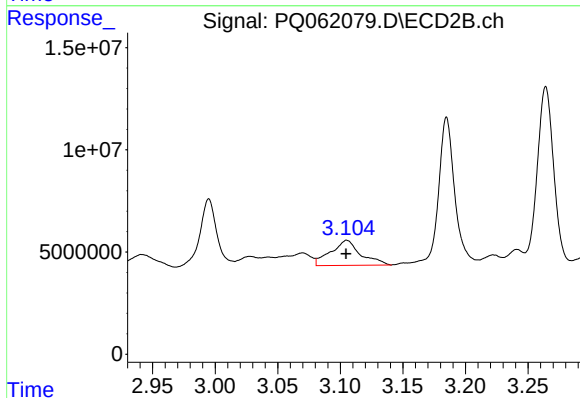
R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 20452053
Conc: 265.30 ng/ml



#11 AR-1232-1

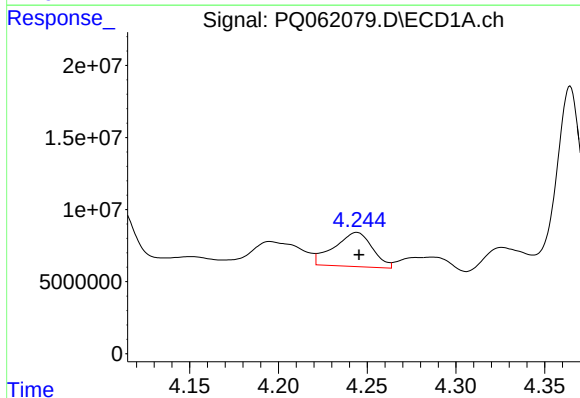
R.T.: 3.749 min
Delta R.T.: -0.004 min
Response: 24874311
Conc: 235.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



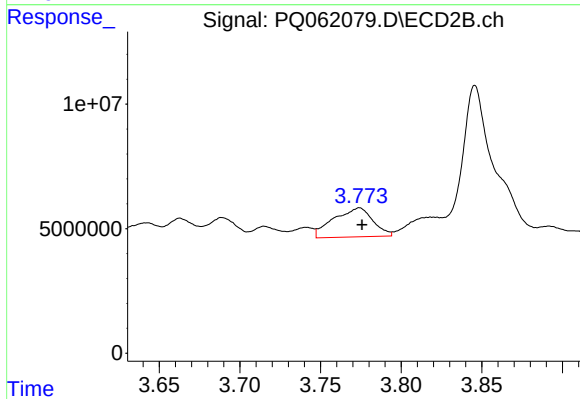
#11 AR-1232-1

R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 20452053
Conc: 356.94 ng/ml



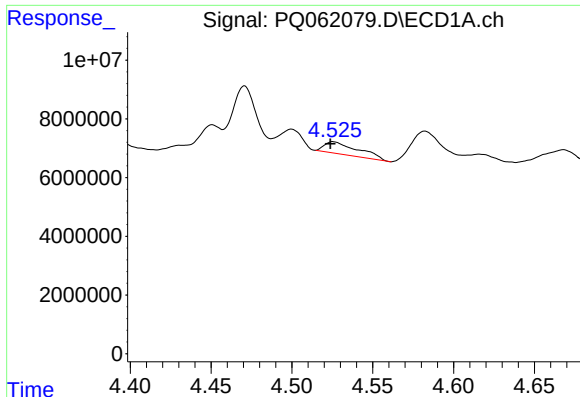
#12 AR-1232-2

R.T.: 4.244 min
Delta R.T.: -0.001 min
Response: 35530183
Conc: 600.67 ng/ml



#12 AR-1232-2

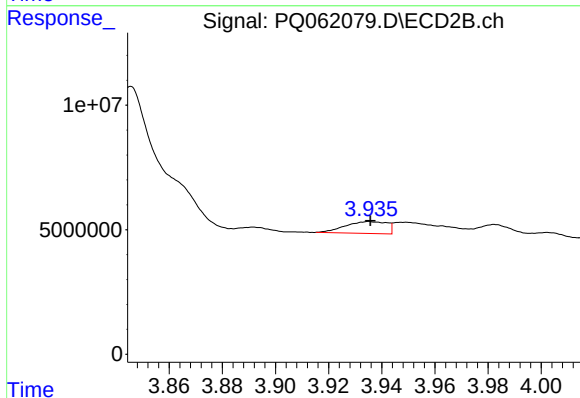
R.T.: 3.774 min
Delta R.T.: -0.002 min
Response: 19770315
Conc: 297.05 ng/ml



#13 AR-1232-3

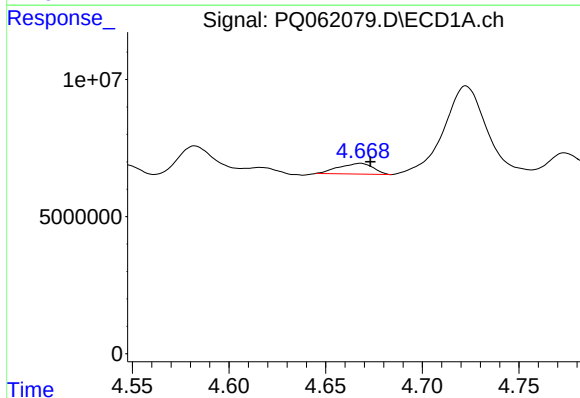
R.T.: 4.526 min
Delta R.T.: 0.002 min
Response: 5987465
Conc: 52.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



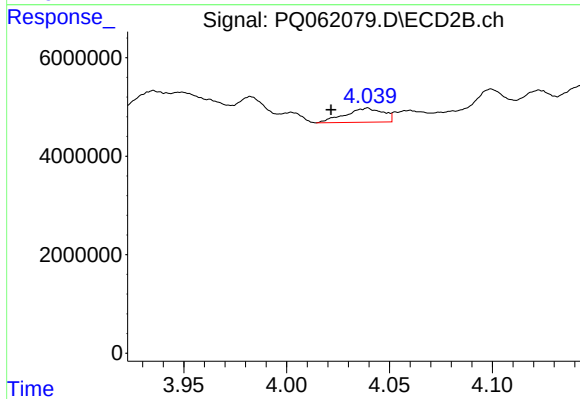
#13 AR-1232-3

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 5153612
Conc: 149.14 ng/ml



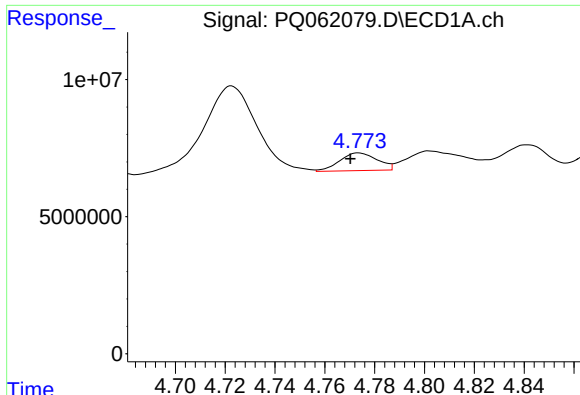
#14 AR-1232-4

R.T.: 4.668 min
Delta R.T.: -0.005 min
Response: 4861720
Conc: 85.80 ng/ml



#14 AR-1232-4

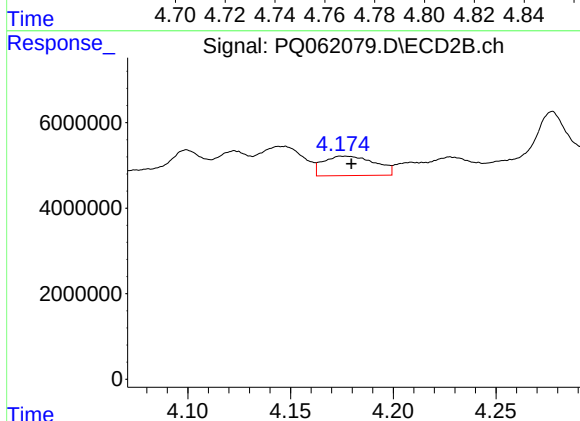
R.T.: 4.039 min
Delta R.T.: 0.018 min
Response: 3653851
Conc: 122.86 ng/ml



#15 AR-1232-5

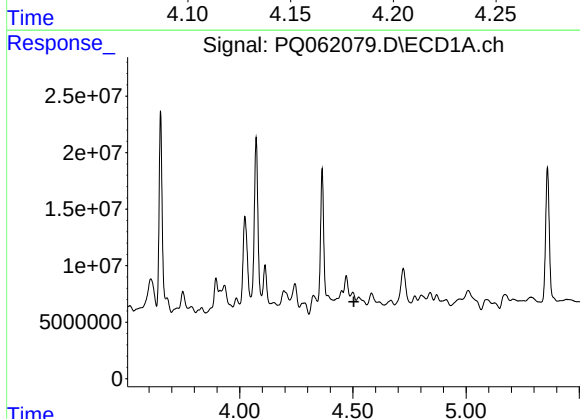
R.T.: 4.774 min
Delta R.T.: 0.003 min
Response: 6835731
Conc: 170.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



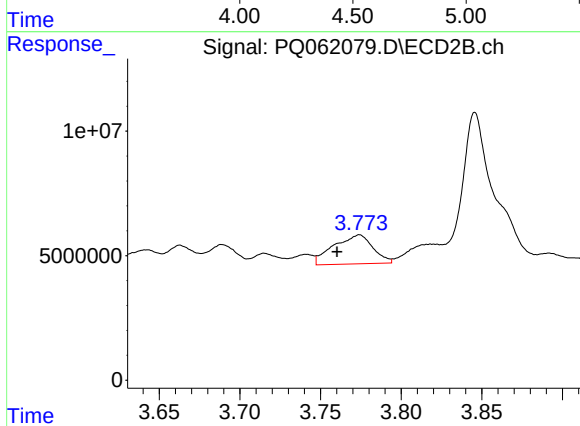
#15 AR-1232-5

R.T.: 4.177 min
Delta R.T.: -0.003 min
Response: 7963652
Conc: 223.32 ng/ml



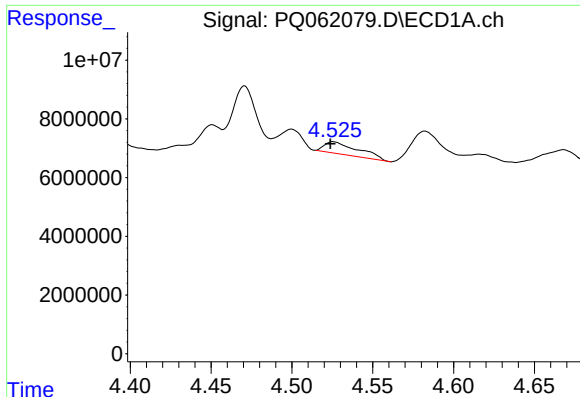
#16 AR-1242-1

R.T.: 4.500 min
Delta R.T.: -0.005 min
Response: -7508367
Conc: N.D.



#16 AR-1242-1

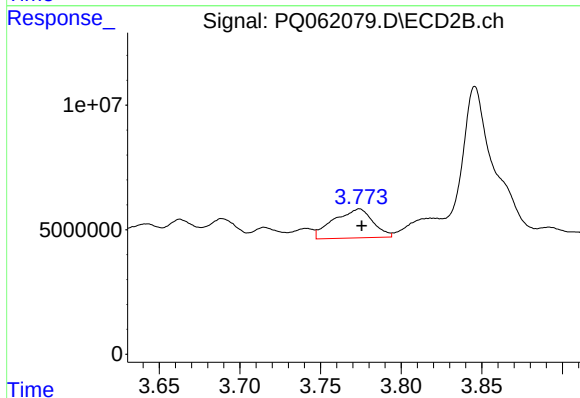
R.T.: 3.774 min
Delta R.T.: 0.014 min
Response: 19770315
Conc: 255.63 ng/ml



#17 AR-1242-2

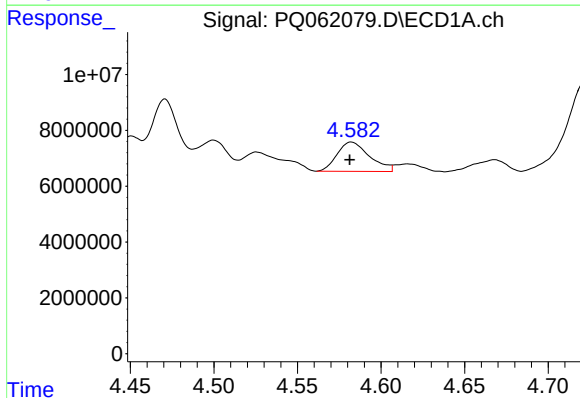
R.T.: 4.526 min
Delta R.T.: 0.002 min
Response: 5987465
Conc: 30.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



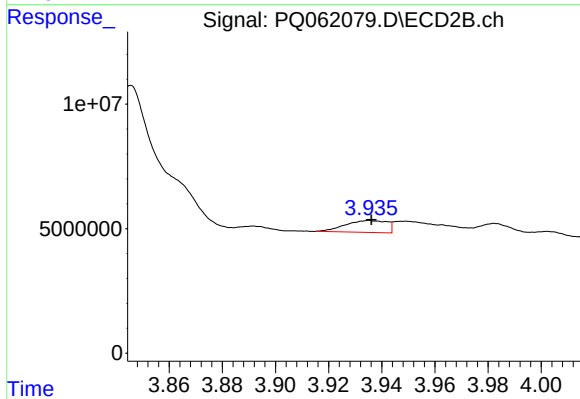
#17 AR-1242-2

R.T.: 3.774 min
Delta R.T.: -0.001 min
Response: 19770315
Conc: 177.86 ng/ml



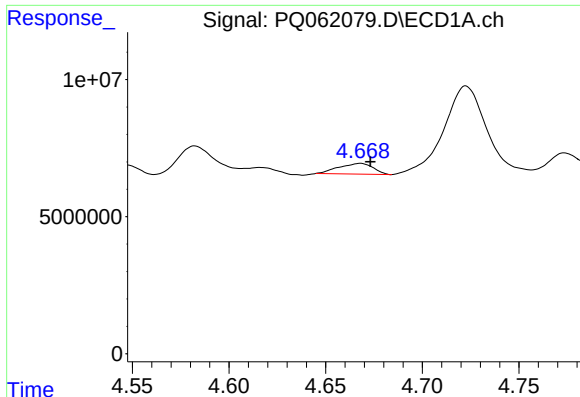
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 14211798
Conc: 117.60 ng/ml



#18 AR-1242-3

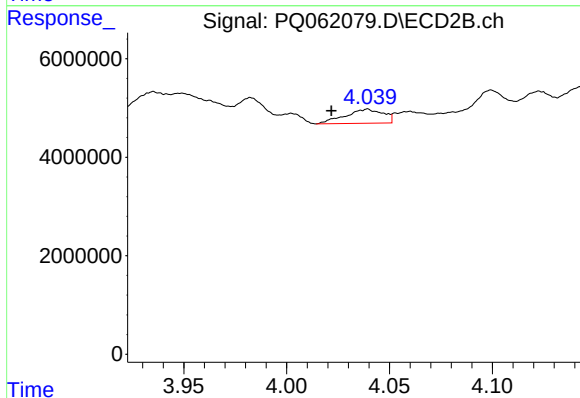
R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 5153612
Conc: 87.98 ng/ml



#19 AR-1242-4

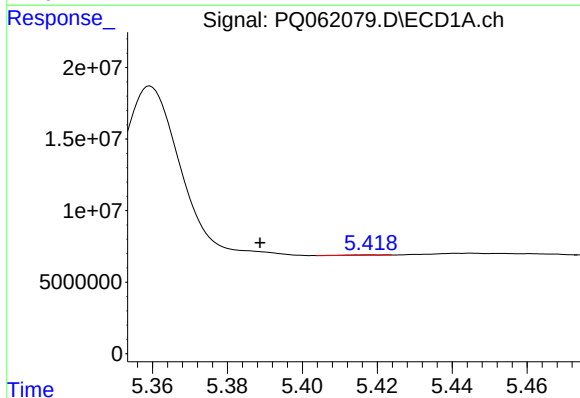
R.T.: 4.668 min
Delta R.T.: -0.005 min
Response: 4861720
Conc: 49.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



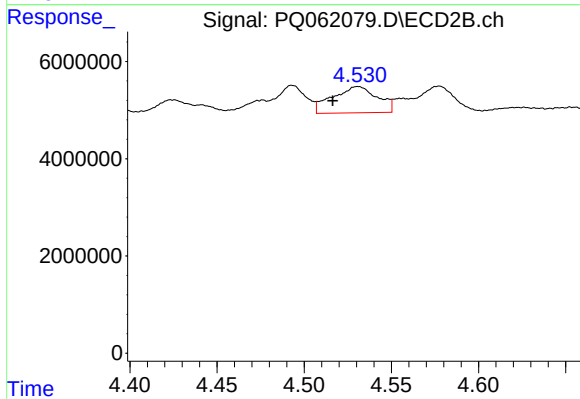
#19 AR-1242-4

R.T.: 4.039 min
Delta R.T.: 0.018 min
Response: 3653851
Conc: 62.32 ng/ml



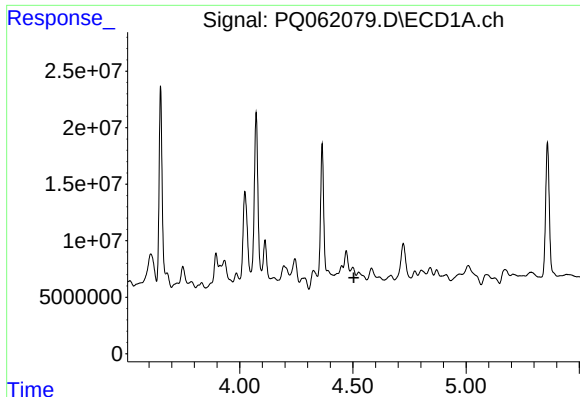
#20 AR-1242-5

R.T.: 5.418 min
Delta R.T.: 0.029 min
Response: 191111
Conc: 2.00 ng/ml



#20 AR-1242-5

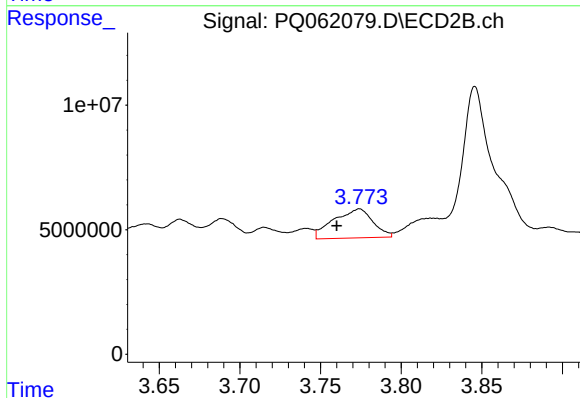
R.T.: 4.531 min
Delta R.T.: 0.015 min
Response: 9665795
Conc: 116.61 ng/ml



#21 AR-1248-1

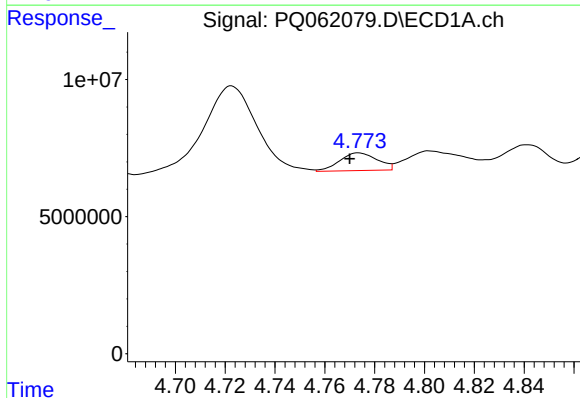
R.T.: 4.500 min
Delta R.T.: -0.005 min
Response: -7508367
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



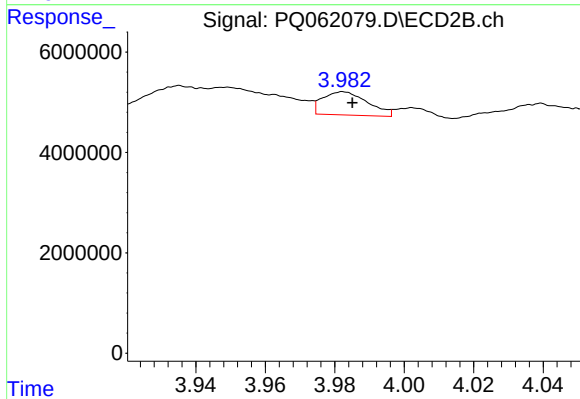
#21 AR-1248-1

R.T.: 3.774 min
Delta R.T.: 0.014 min
Response: 19770315
Conc: 316.22 ng/ml



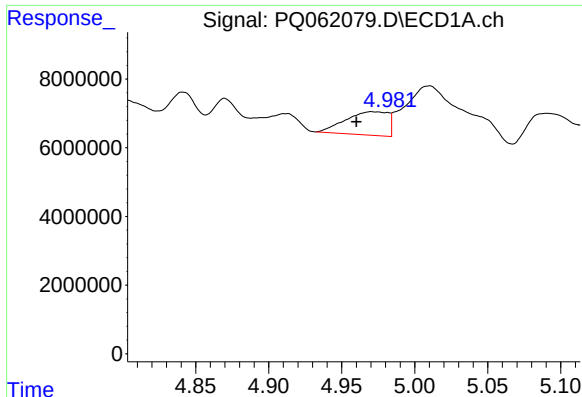
#22 AR-1248-2

R.T.: 4.774 min
Delta R.T.: 0.004 min
Response: 6835731
Conc: 47.58 ng/ml



#22 AR-1248-2

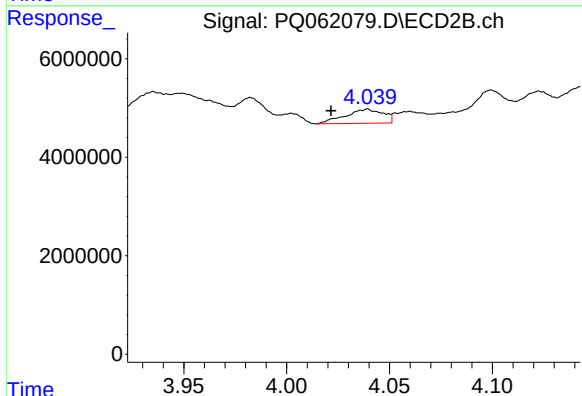
R.T.: 3.983 min
Delta R.T.: -0.003 min
Response: 4182423
Conc: 44.60 ng/ml



#23 AR-1248-3

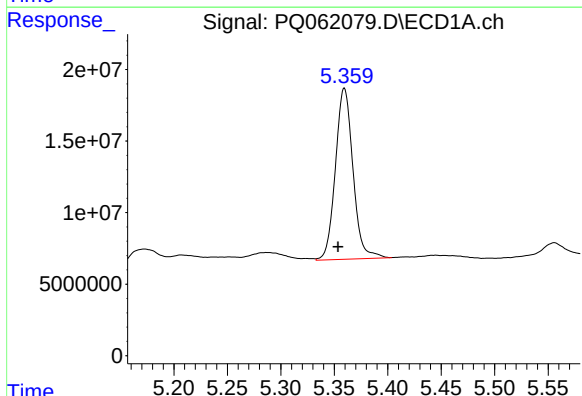
R.T.: 4.970 min
Delta R.T.: 0.010 min
Response: 13850109
Conc: 79.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



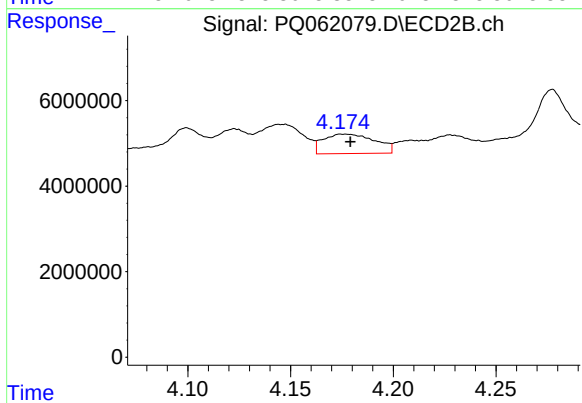
#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: 0.018 min
Response: 3653851
Conc: 40.35 ng/ml



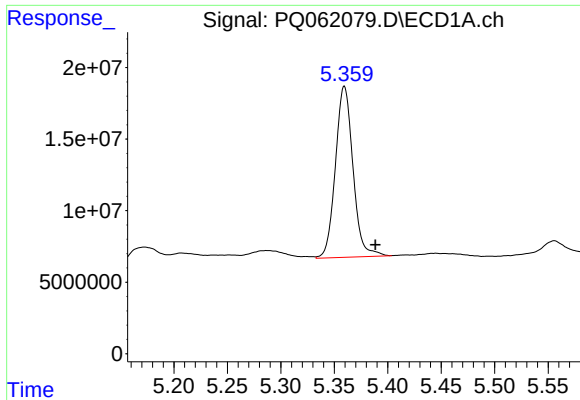
#24 AR-1248-4

R.T.: 5.359 min
Delta R.T.: 0.006 min
Response: 136702446
Conc: 712.25 ng/ml



#24 AR-1248-4

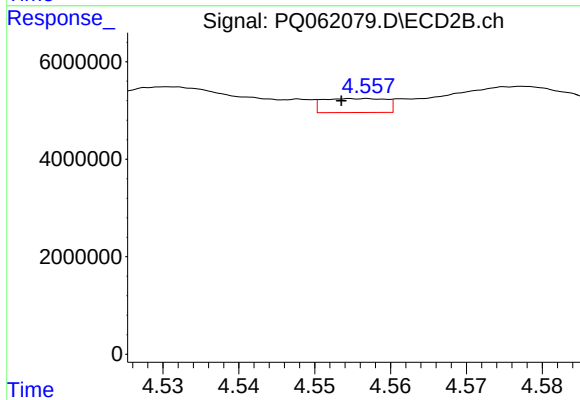
R.T.: 4.177 min
Delta R.T.: -0.002 min
Response: 7963652
Conc: 70.58 ng/ml



#25 AR-1248-5

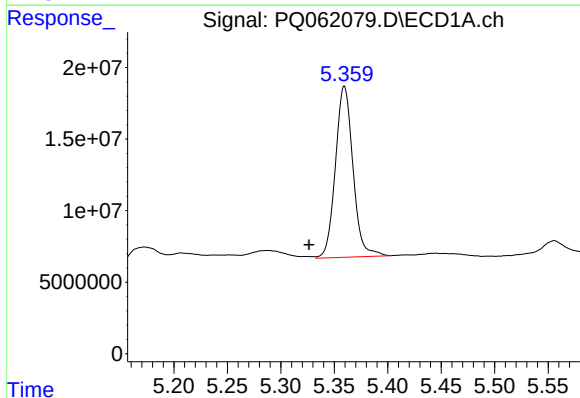
R.T.: 5.359 min
Delta R.T.: -0.029 min
Response: 136702446
Conc: 754.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



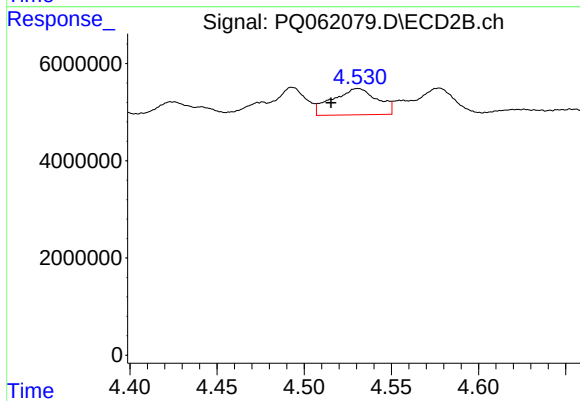
#25 AR-1248-5

R.T.: 4.557 min
Delta R.T.: 0.003 min
Response: 1654777
Conc: 14.77 ng/ml



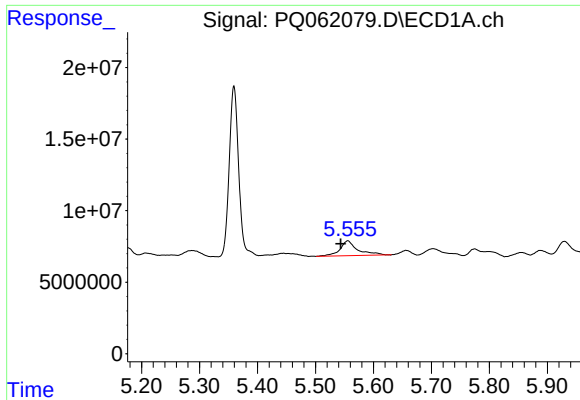
#26 AR-1254-1

R.T.: 5.359 min
Delta R.T.: 0.033 min
Response: 136702446
Conc: 735.67 ng/ml



#26 AR-1254-1

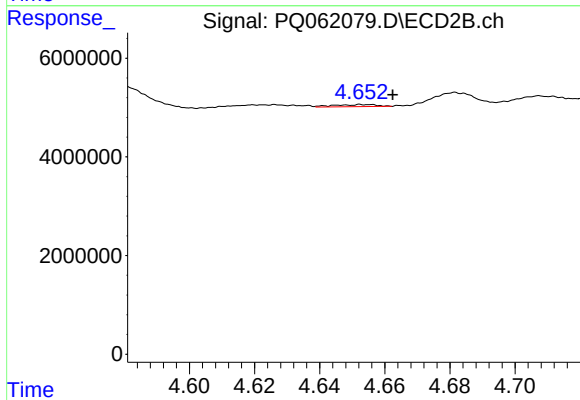
R.T.: 4.531 min
Delta R.T.: 0.015 min
Response: 9665795
Conc: 59.86 ng/ml



#27 AR-1254-2

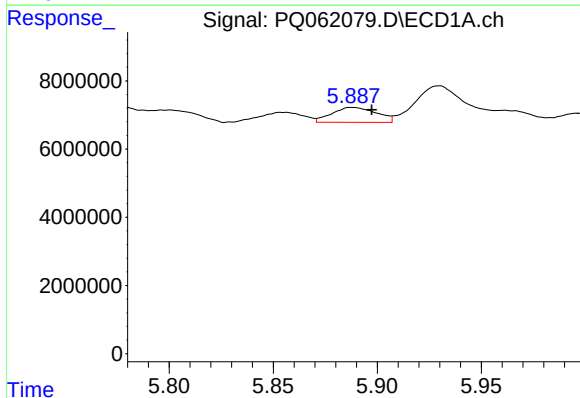
R.T.: 5.556 min
Delta R.T.: 0.012 min
Response: 22059334
Conc: 75.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



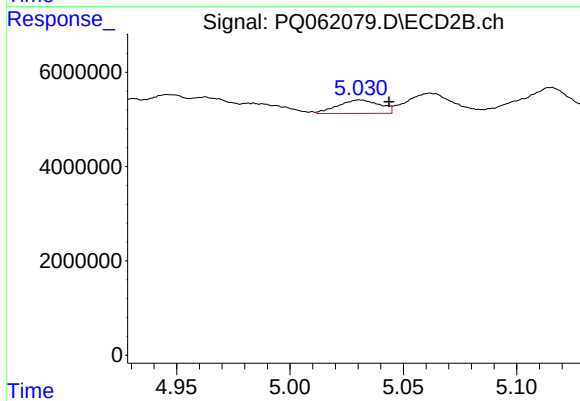
#27 AR-1254-2

R.T.: 4.653 min
Delta R.T.: -0.010 min
Response: 377809
Conc: 2.57 ng/ml



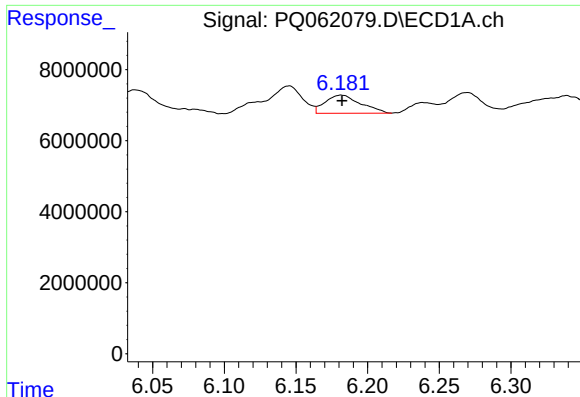
#28 AR-1254-3

R.T.: 5.888 min
Delta R.T.: -0.009 min
Response: 6553389
Conc: 21.34 ng/ml



#28 AR-1254-3

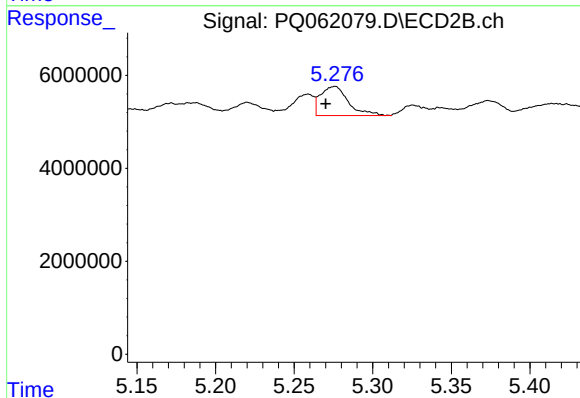
R.T.: 5.031 min
Delta R.T.: -0.013 min
Response: 3664242
Conc: 15.68 ng/ml



#29 AR-1254-4

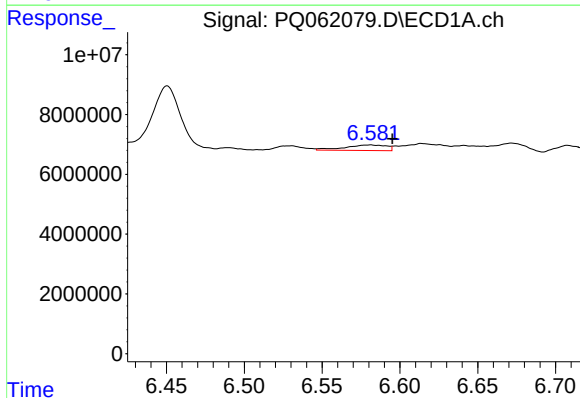
R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 8789759
Conc: 37.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



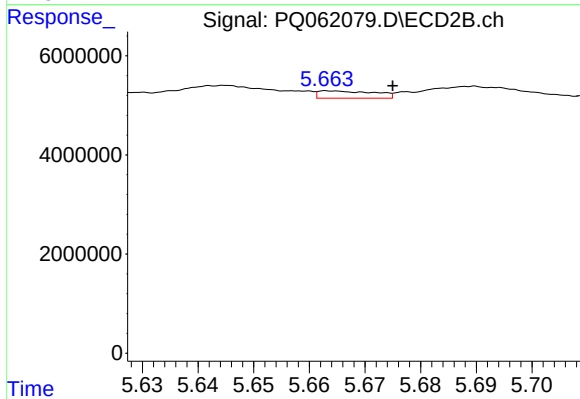
#29 AR-1254-4

R.T.: 5.276 min
Delta R.T.: 0.006 min
Response: 7745387
Conc: 50.82 ng/ml



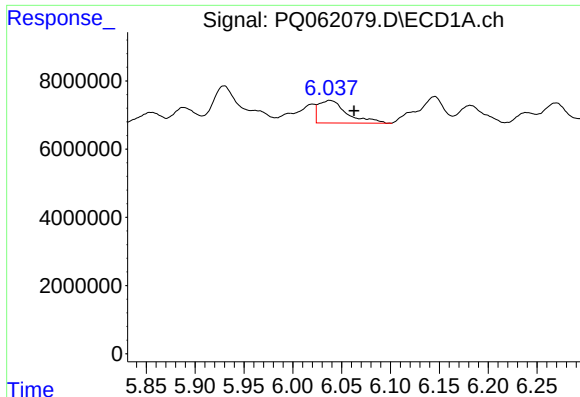
#30 AR-1254-5

R.T.: 6.581 min
Delta R.T.: -0.014 min
Response: 3518341
Conc: 13.70 ng/ml



#30 AR-1254-5

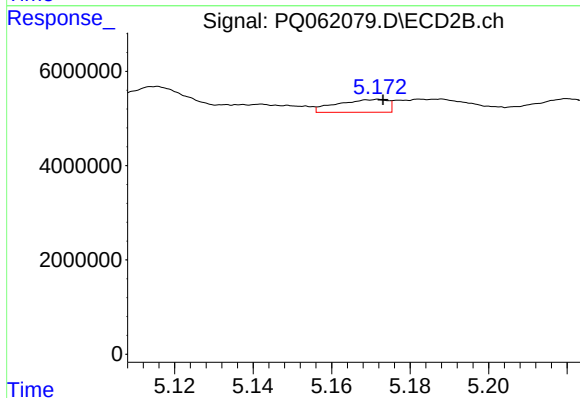
R.T.: 5.663 min
Delta R.T.: -0.012 min
Response: 1036296
Conc: 4.49 ng/ml



#31 AR-1260-1

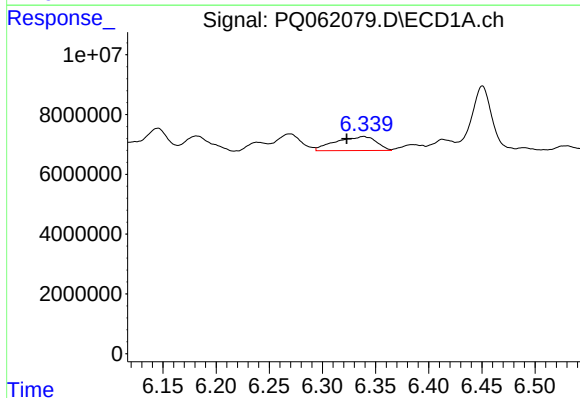
R.T.: 6.038 min
Delta R.T.: -0.025 min
Response: 13048769
Conc: 55.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



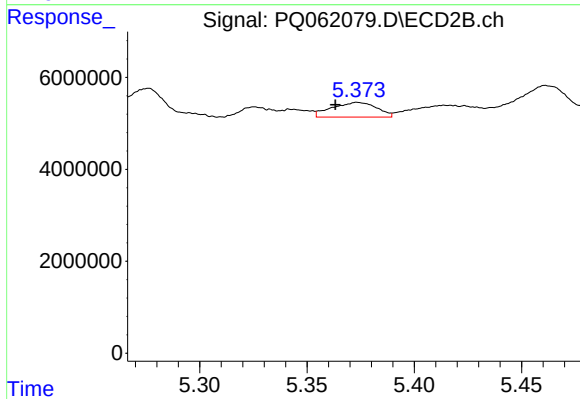
#31 AR-1260-1

R.T.: 5.172 min
Delta R.T.: -0.001 min
Response: 2438881
Conc: 14.64 ng/ml



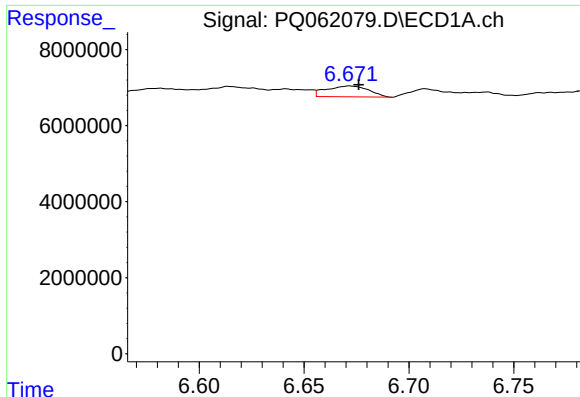
#32 AR-1260-2

R.T.: 6.339 min
Delta R.T.: 0.016 min
Response: 12368537
Conc: 42.83 ng/ml



#32 AR-1260-2

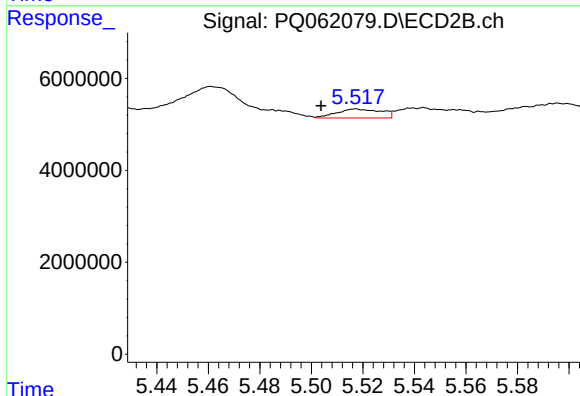
R.T.: 5.373 min
Delta R.T.: 0.010 min
Response: 4667058
Conc: 22.44 ng/ml



#33 AR-1260-3

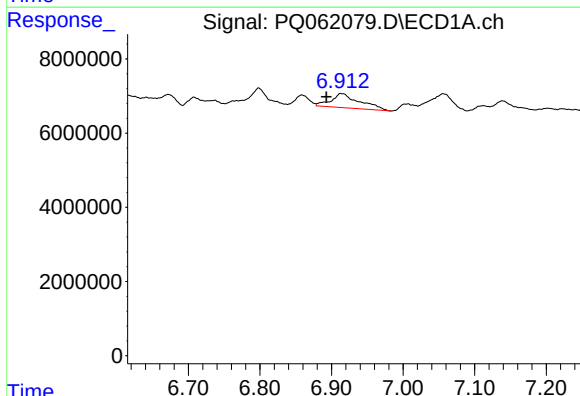
R.T.: 6.672 min
Delta R.T.: -0.004 min
Response: 4015814
Conc: 22.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



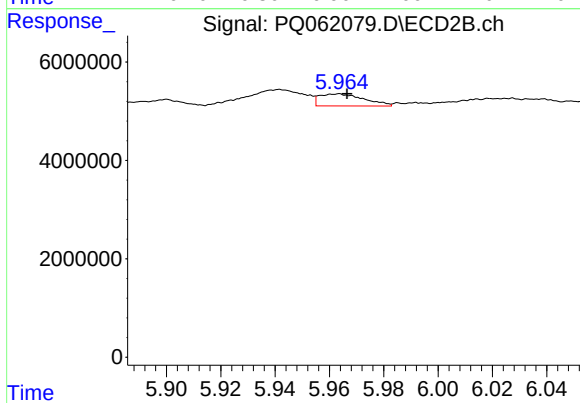
#33 AR-1260-3

R.T.: 5.517 min
Delta R.T.: 0.014 min
Response: 2340339
Conc: 12.03 ng/ml



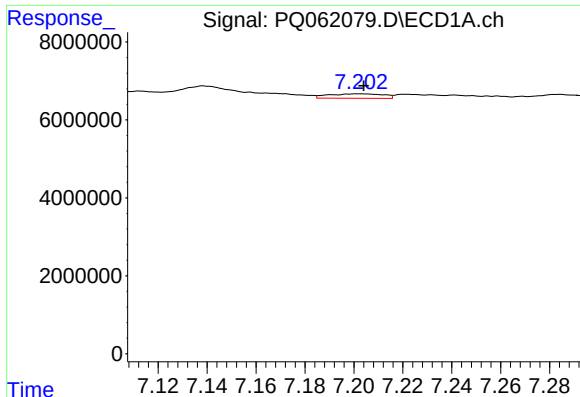
#34 AR-1260-4

R.T.: 6.913 min
Delta R.T.: 0.020 min
Response: 10696924
Conc: 50.78 ng/ml



#34 AR-1260-4

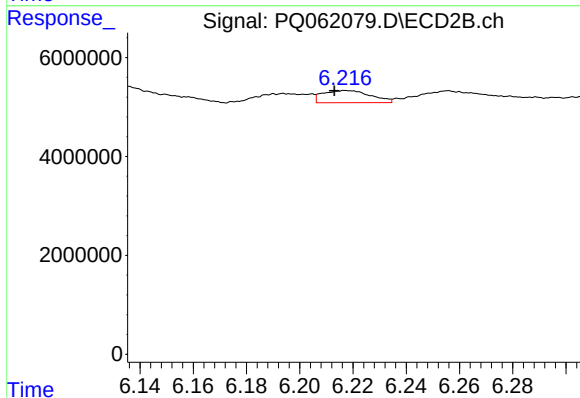
R.T.: 5.964 min
Delta R.T.: -0.003 min
Response: 2772697
Conc: 19.01 ng/ml



#35 AR-1260-5

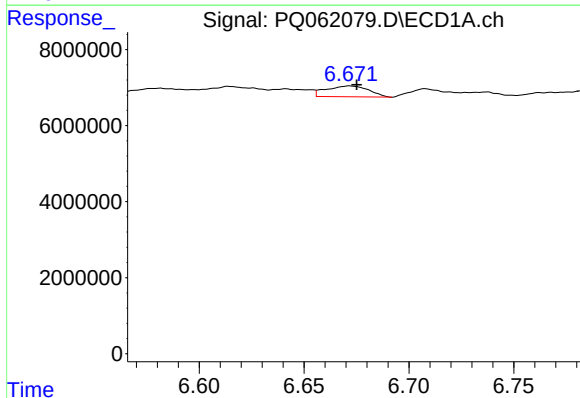
R.T.: 7.202 min
Delta R.T.: -0.002 min
Response: 1786701
Conc: 4.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



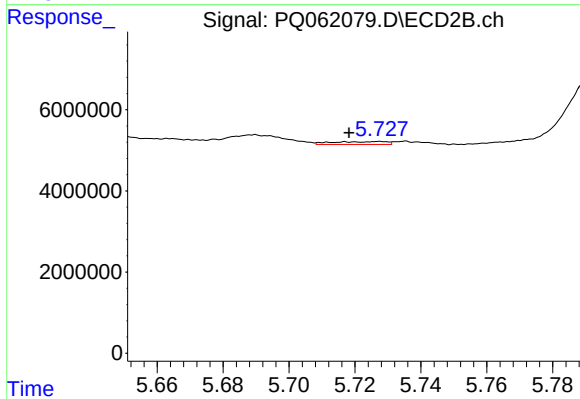
#35 AR-1260-5

R.T.: 6.217 min
Delta R.T.: 0.004 min
Response: 3077233
Conc: 9.27 ng/ml



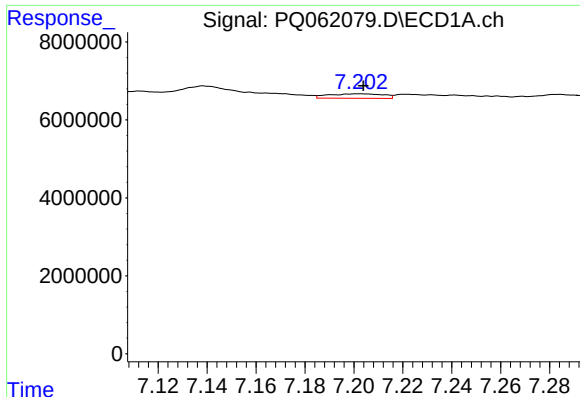
#36 AR-1262-1

R.T.: 6.672 min
Delta R.T.: -0.003 min
Response: 4015814
Conc: 13.17 ng/ml



#36 AR-1262-1

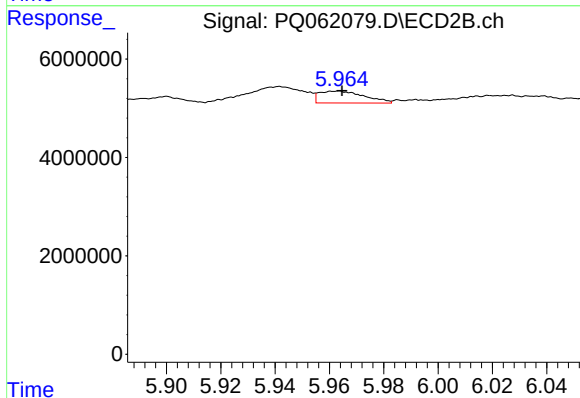
R.T.: 5.728 min
Delta R.T.: 0.009 min
Response: 816662
Conc: 3.51 ng/ml



#37 AR-1262-2

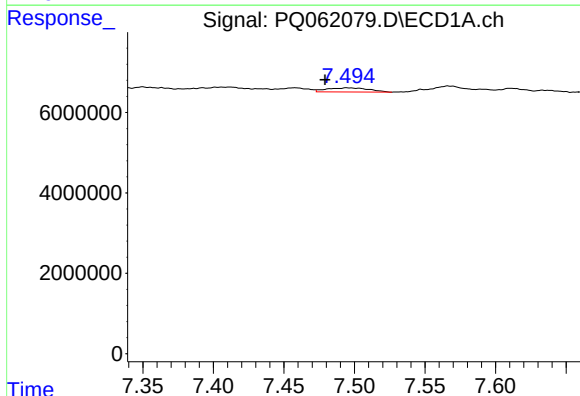
R.T.: 7.202 min
Delta R.T.: -0.002 min
Response: 1786701
Conc: 3.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



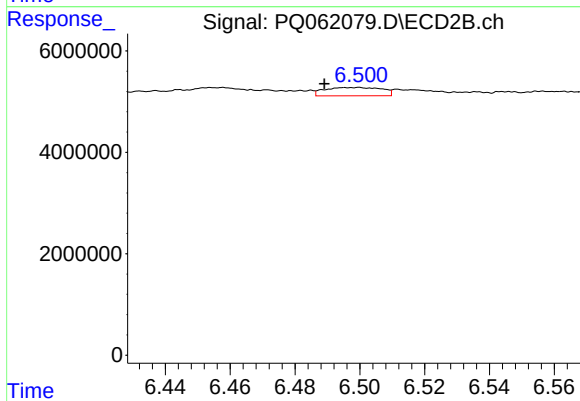
#37 AR-1262-2

R.T.: 5.964 min
Delta R.T.: -0.001 min
Response: 2772697
Conc: 12.82 ng/ml



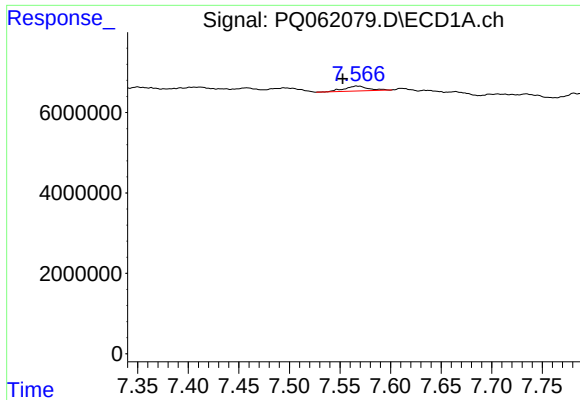
#38 AR-1262-3

R.T.: 7.495 min
Delta R.T.: 0.016 min
Response: 2165952
Conc: 6.15 ng/ml



#38 AR-1262-3

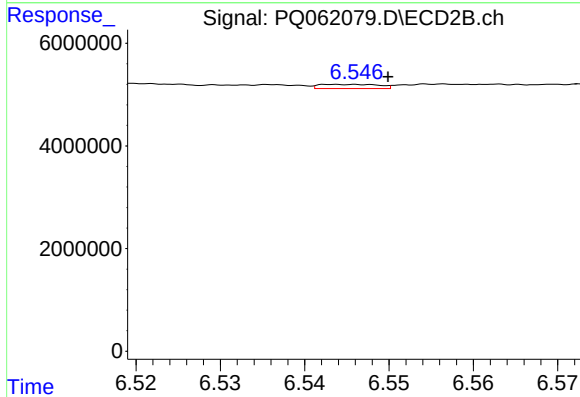
R.T.: 6.500 min
Delta R.T.: 0.011 min
Response: 2021895
Conc: 11.60 ng/ml



#39 AR-1262-4

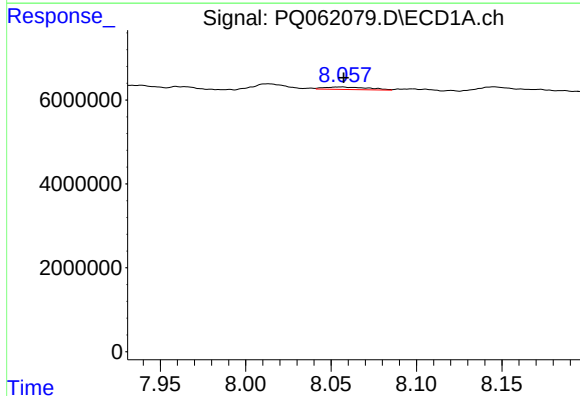
R.T.: 7.567 min
Delta R.T.: 0.014 min
Response: 2018105
Conc: 7.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



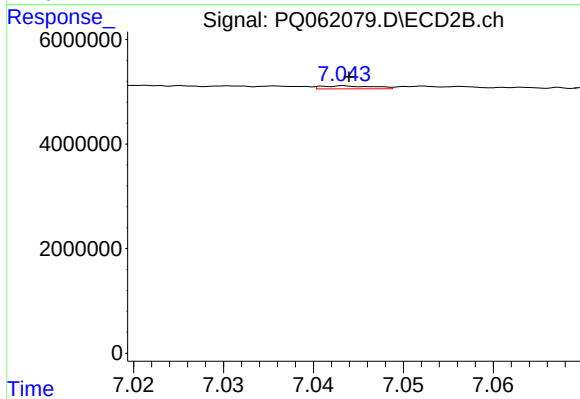
#39 AR-1262-4

R.T.: 6.546 min
Delta R.T.: -0.004 min
Response: 391956
Conc: 1.22 ng/ml



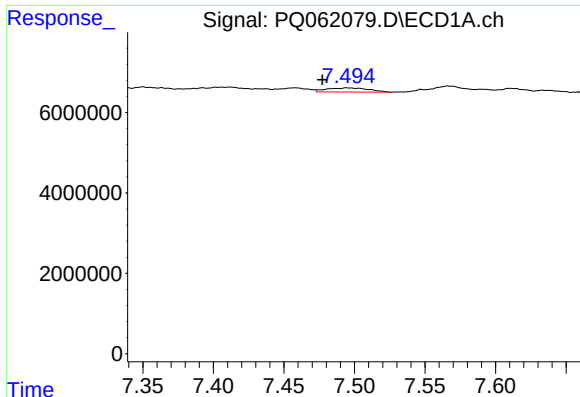
#40 AR-1262-5

R.T.: 8.056 min
Delta R.T.: -0.001 min
Response: 1036199
Conc: 5.84 ng/ml



#40 AR-1262-5

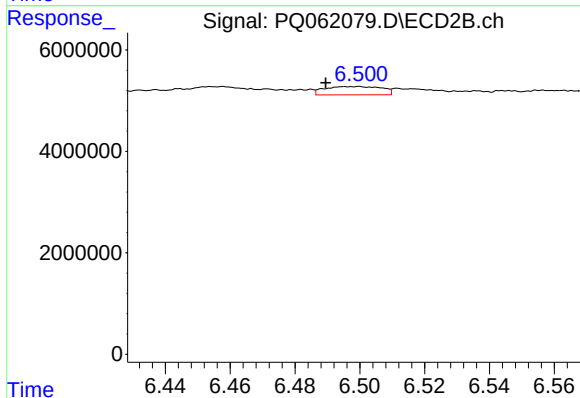
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 232643
Conc: 1.50 ng/ml



#41 AR-1268-1

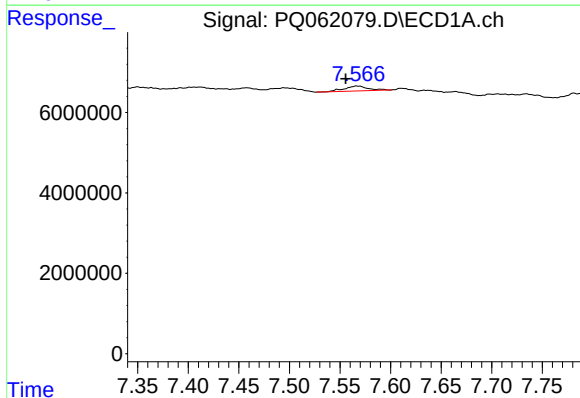
R.T.: 7.495 min
Delta R.T.: 0.018 min
Response: 2165952
Conc: 3.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



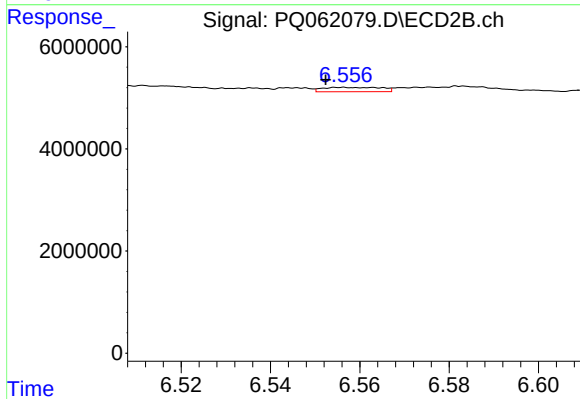
#41 AR-1268-1

R.T.: 6.500 min
Delta R.T.: 0.010 min
Response: 2021895
Conc: 4.30 ng/ml



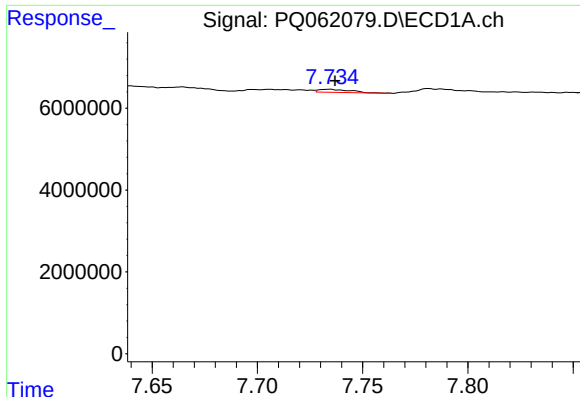
#42 AR-1268-2

R.T.: 7.567 min
Delta R.T.: 0.011 min
Response: 2018105
Conc: 3.96 ng/ml



#42 AR-1268-2

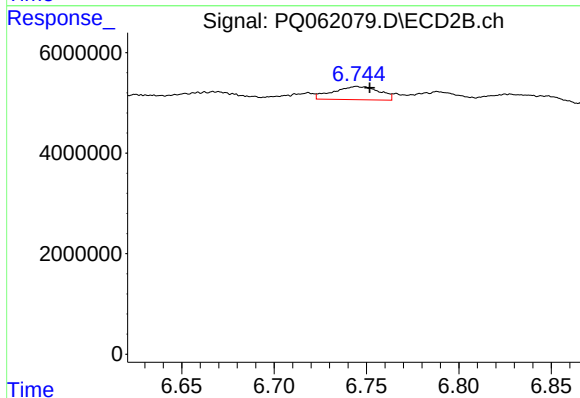
R.T.: 6.556 min
Delta R.T.: 0.004 min
Response: 784119
Conc: 1.85 ng/ml



#43 AR-1268-3

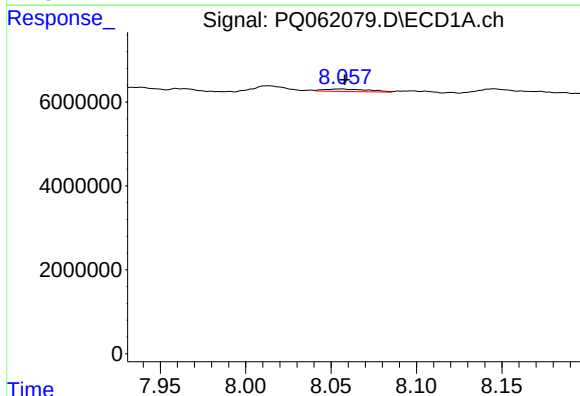
R.T.: 7.734 min
Delta R.T.: -0.003 min
Response: 750024
Conc: 1.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



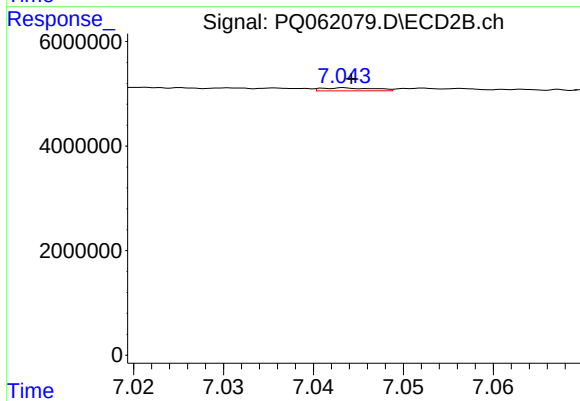
#43 AR-1268-3

R.T.: 6.745 min
Delta R.T.: -0.007 min
Response: 4541886
Conc: 12.33 ng/ml



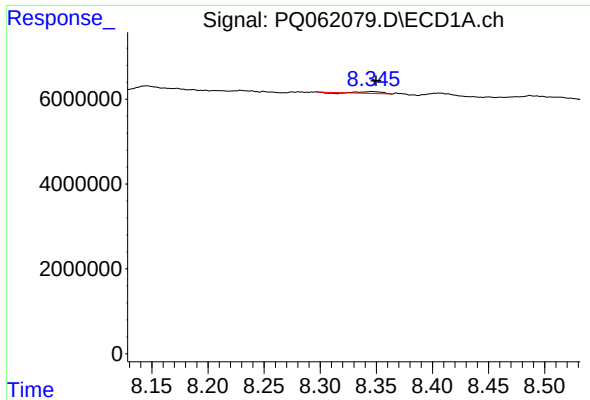
#44 AR-1268-4

R.T.: 8.056 min
Delta R.T.: -0.002 min
Response: 1036199
Conc: 5.66 ng/ml



#44 AR-1268-4

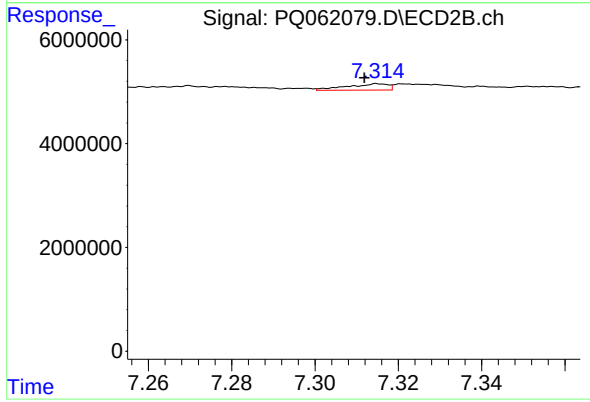
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 232643
Conc: 1.45 ng/ml



#45 AR-1268-5

R.T.: 8.346 min
Delta R.T.: -0.004 min
Response: 521295
Conc: 0.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.315 min
Delta R.T.: 0.003 min
Response: 831186
Conc: 0.71 ng/ml